

WHAT IS CLAIMED IS:

1. A breakable syringe, comprising a barrel, a connecting member, a needle, and a plunger, wherein:

the barrel has an end formed with a through hole;

5 the connecting member is movably mounted in the barrel and has a first end formed with a lug protruded outward from the through hole of the barrel, and a second end formed with a nozzle;

the needle is mounted on the barrel and secured on the connecting member;

10 the plunger has a first end inserted into the barrel and formed with a piston movably mounted in the barrel; and

the piston of the plunger has a side formed with a reduced protrusion inserted into the nozzle of the connecting member.

2. The breakable syringe in accordance with claim 1, wherein the lug
15 of the connecting member has a gradually reduced tapered shape.

3. The breakable syringe in accordance with claim 1, wherein the nozzle of the connecting member has a gradually expanded shape.

4. The breakable syringe in accordance with claim 1, wherein the through hole of the barrel has an inner periphery formed with an inner thread,
20 and the connecting member has a mediate portion formed with an enlarged flange engaged into the inner thread of the barrel.

5. The breakable syringe in accordance with claim 1, wherein the lug of the connecting member is formed with a through hole.

6. The breakable syringe in accordance with claim 1, wherein the nozzle of the connecting member has an inner wall formed with a plurality of tapered protruding teeth and a plurality of tapered guide grooves located
5 between the protruding teeth, and the protrusion of the plunger has a periphery formed with a plurality of tapered protruding teeth inserted into the guide grooves of the connecting member and engaged with the protruding teeth of the connecting member.

10 7. The breakable syringe in accordance with claim 6, wherein the tapered protruding teeth of the plunger are arranged in a radiating manner.

8. The breakable syringe in accordance with claim 1, wherein the needle has a first end formed with a tapered recess to receive the lug of the connecting member.

15 9. The breakable syringe in accordance with claim 8, wherein the through hole of the barrel has an inner periphery formed with an inner thread, and the first end of the needle has a periphery formed with an enlarged flange engaged into the inner thread of the barrel.

10 10. The breakable syringe in accordance with claim 8, wherein the needle has a second end provided with a needle cannula communicating with the recess.

11. The breakable syringe in accordance with claim 1, wherein the piston of the plunger is formed with an annular groove detachably connected to the first end of the plunger.

12. The breakable syringe in accordance with claim 1, wherein the
5 protrusion of the plunger has an end formed with an elastic press bar extended into the through hole of the lug of the connecting member.

13. The breakable syringe in accordance with claim 12, wherein the elastic press bar is arranged in an oblique manner.

14. The breakable syringe in accordance with claim 1, wherein the
10 plunger has a second end protruded outward from the barrel.

15. The breakable syringe in accordance with claim 8, wherein the lug of the connecting member is closely forced into the tapered recess of the needle, thereby forming a vacuum state, so that the connecting member is closely combined with the needle without detachment.

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